

ENCLOSURE 1

NOTICE OF VIOLATION

Entergy Operations, Inc.
Waterford Steam Electric Station, Unit 3

Docket No.: 50-382
License No.: NPF-38

During an NRC inspection conducted on January 27-31, 1997, two violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," NUREG-1600, the violations are listed below:

- A. 10 CFR 50.65(b)(1) states, in part, that the scope of the monitoring program shall include safety-related structures, systems, and components. Paragraph (c) states, "[t]he requirements of this section shall be implemented by each licensee no later than July 10, 1996."

Contrary to the above, as of January 31, 1997, the safety-related containment atmospheric release system was not included in the licensee's 10 CFR Part 50.65 monitoring program scope.

This is a Severity Level IV violation (Supplement I) (50-382/9701-01).

- B. 10 CFR 50.65(a)(1) states, in part, that each holder of an operating license . . . shall monitor the performance or condition of structures, systems, or components, against licensee-established goals . . . and that such goals shall be established commensurate with safety.

10 CFR 50.65(a)(2) states, in part, that monitoring under paragraph (a)(1) is not required where it has been demonstrated that the performance or condition of a structure, system, or component is being effectively controlled through the performance of appropriate preventive maintenance such that the structure, system, or component remains capable of performing its intended safety function. Paragraph (c) states, "[t]he requirements of this section shall be implemented by each licensee no later than July 10, 1996."

Regulatory Guide 1.160, "Monitoring the Effectiveness of Maintenance at Nuclear Power Plants," Revision 1, endorses NUMARC 93-01, "Industry Guidelines for Monitoring the Effectiveness of Maintenance at Nuclear Power Plants," Revision 0, as an acceptable method for implementing the requirements of 10 CFR 50.65. Regulatory Guide 1.160 states that the methods described in the guide will be used in the evaluation of the effectiveness of maintenance activities of licensees who are required to comply with 10 CFR 50.65 unless a licensee has proposed an acceptable alternative method for compliance.

NUMARC 93-01, Section 9.3.2 states, in part, that performance criteria for evaluating structures, systems, or components are necessary to identify the standard against which performance is to be measured. Criteria are established to provide a basis for determining satisfactory performance . . . (for structures, systems, or components monitored under paragraph (a)(2)). Additionally,

Section 9.3.2 states that performance criteria for risk-significant structures, systems, and components be established to assure that reliability and availability assumptions used in the plant-specific probabilistic risk assessment, individual plant examination, or other risk determining analysis are maintained or adjusted when necessary. Appendix B of NUMARC 93-01 defines availability as the time that a structure, system, or component is capable of performing its intended function as a fraction of the total time that the intended function may be demanded . . . the numerical complement of unavailability.

The licensee subscribed to the NUMARC 93-01 methodology in Procedure TI 4.22, "Maintenance Rule Program," Revision 0. As a measure to demonstrate the ability of certain risk-significant systems and components to perform the intended functions, the licensee chose to monitor unavailability of risk-significant systems.

Contrary to the above, as of January 31, 1997, for the reactor protection system, the engineered safety features actuation system, the core protection calculators, the broad range toxic gas monitors, and the containment polar crane function of lifting heavy loads over safety-related equipment, the licensee: (1) failed to establish goals commensurate with safety as described in 10 CFR 50.65(a)(1); or (2) as an alternative, failed to demonstrate that the performance of the above specified systems components, and functions were effectively controlled through the performance of appropriate preventive maintenance and that the systems and components remained capable of performing their intended function, in that, neither the unavailability of the functions performed by the systems and components were monitored, nor an acceptable alternative method for compliance proposed.

This is a Severity Level IV violation (Supplement 1) (50-382/9701-02),

Pursuant to the provisions of 10 CFR 2.201, Entergy Operations, Inc. is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555 with a copy to the Regional Administrator, Region IV, 611 Ryan Plaza Drive, Suite 400, Arlington, Texas 76011, and a copy to the NRC Resident Inspector at the facility that is the subject of this Notice, within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved. Your response may reference or include previous docketed correspondence, if the correspondence adequately addresses the required response. If an adequate reply is not received within the time specified in this Notice, an order or a Demand for Information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

Because your response will be placed in the NRC Public Document Room (PDR), to the extent possible, it should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction. However, if you find it necessary to include such information, you should clearly indicate the specific information that you desire not to be placed in the PDR, and provide the legal basis to support your request for withholding the information from the public.

Dated at Arlington, Texas
this 21st day of March 1997